

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	0	"5753011" (ion near5 exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:12
L5	12787	(mesopores macropores) or macroporous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:12
L6	1216	5 (ion near5 exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:12
L7	305	6 adsorbent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:12
L8	107	organic near5 porous near5 (ion near5 exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:13
L9	38	7 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:13
L10	1649	(monolith near5 porous) or (continuous near5 pore near5 structure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:14
L11	1	9 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:14
L12	778	(monolith or continuous) near5 pore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:14
L13	0	11 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:14

L14	38	9 pore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:14
L15	13	(monolith near5 porous) near5 (ion near5 exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:15
L16	0	14 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:16
L17	7146	(monolith or continuous) near5 pore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:18
L18	31	14 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:18
L19	31	9 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:19
L20	12	6 (adsorbent near5 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:20
L21	1	20 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:21
L22	2	JP "10174838"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/21 12:36
S1	2	US-1012202-\$. DID. OR US-20000516341-\$. DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/11 12:28
S2	1	"2002306976"	JPO	OR	OFF	2009/03/11 12:30
S3	1	"10174838"	JPO	OR	OFF	2009/03/11 12:30
S4	0	"20051634"	JPO	OR	OFF	2009/03/11 12:30
S5	0	"200051634"	JPO	OR	OFF	2009/03/11 12:30

S6	1	"10553871"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:11
S7	2	(hiroshi adj inoue).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:16
S8	3763	(inoue adj hiroshi).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:16
S9	300	(yamanaka adj koji). inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:17
S10	53	(yoshida adj akiko).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:17
S11	0	(kazuhiko adj kawada). inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:22
S12	2	"2003189005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:31
S13	9844	adsorption near5 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:33
S14	87	organic near5 porous near ion near5 exchange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:33
S15	11	S13 S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:33
S16	8678	96/108-154.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:35
S17	279	S13 S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:35

S18	279	S17 adsorption	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:36
S19	96	organic near5 porous near ion near5 exchanger	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:36
S20	1	S18 S19	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:36
S21	16	continuous near5 pore structure	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:36
S22	1	continuous near5 pore near5 structure	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:36
S23	30	S19 monolith	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:38
S24	23	S23 adsorption	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:38
S25	6	filter S21	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:43
S26	568	filter (mesopores macropores)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:45
S27	41	S26 S13	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:45
S28	26854	ion near5 exchanger	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:46
S29	7	S27 S28	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:46

S30	83	((air or hepa) near5 filter) (mesopores macropores)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:50
S31	6	S13 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:50
S32	11	S28 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:50
S33	3	S31 S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 10:53
S34	923	521/25.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:08
S35	700	521/26.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:08
S36	923	521/25.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:17
S37	0	S36 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:17
S38	841	"35" (mesopores macropores)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:18
S39	14	S36 (mesopores macropores)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:18
S40	0	S39 monolith	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:18
S41	9	S39 adsorption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:23

S42	1301	(ion near5 exchanger) near5 organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:25
S43	8	S41 S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:25
S44	0	S43 monolith	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:25
S45	8	S43 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:26
S46	53	S42 (mesopores macropores)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:29
S47	22	S46 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:29
S48	150	(adsorption near5 layer) monolith	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:30
S49	25	S48 (mesopores macropores)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:30
S50	28	S48 ((mesopores macropores) or macroporous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:31
S51	73	S36 ((mesopores macropores) or macroporous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:33
S52	0	S48 S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:34
S53	1	S36 monolith	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:34

S54	1	S36 ((monolith near5 porous) or (continuous near5 pore near5 structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:36
S55	34481	521/25-921.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:37
S56	25	S55 ((monolith near5 porous) or (continuous near5 pore near5 structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:37
S57	0	S56 (adsorption near5 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:37
S58	16	S56 adsorption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:37
S59	11	S58 ((mesopores macropores) or macroporous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:38
S60	9844	(adsorption near5 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:42
S61	28	S50 S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:42
S62	17	S60 ((monolith near5 porous) or (continuous near5 pore near5 structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:43
S63	3	S62((mesopores macropores) or macroporous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:43
S64	3	S62 ((mesopores macropores) or macroporous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:43
S65	1367	adsorbent near5 membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:58

S66	75	S65 ((mesopores macropores) or macroporous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:59
S67	3	S66 ((monolith near5 porous) or (continuous near5 pore near5 structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/20 11:59

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